

Anthony Nanfito

Data Analyst | Davis, CA | ananfito@gmail.com | [LinkedIn](#)

Objective

Dedicated mathematics educator with a passion for data analysis, seeking to leverage expertise in Python, R, and SQL to pursue a career in data analytics. Excited to apply analytical skills and pedagogical experience to drive data-driven decision-making and organizational success.

Education

Single-Subject Teaching Credential — California State University, Chico, Received May 2013

Bachelors of Science, Mathematics — California State University, Chico, Received May 2012

Skills

- **Data Analytics:** Proficient in Python, R, SQL, and Tableau for data collection, transformation, and visualization
- **Mathematics:** Algebra, Geometry, Calculus
- **Statistics:** Descriptive statistics, Inferential statistics, Probability theory, Statistical modeling, Data interpretation and analysis
- **Web Development:** HTML, CSS, JavaScript, React, Vite, Git, GitHub, REST APIs
- **Communication:** Demonstrated ability to communicate complex concepts in educational, entertaining, and inspiring narratives
- **Project Management:** Extensive experience with backward planning and task prioritization

Projects

- [Amazon Bestseller Analysis](#) — Analyzed ten years worth of top 50 Amazon Bestsellers data using Python and developed recommendations for publishers making long-term goals
- [FitBit Usage Analysis](#) — Investigated data sets of FitBit usage with R to make high-level marketing recommendations for Bellabeat, a high-tech company that manufactures health-focused smart products for women
- [Bike Share Analysis](#) — Joined multiple data sets and performed a detailed analysis using R and Tableau to analyze customer usage data for a bike share company, Cyclistic, based in Chicago

Experience

K-12 Math and CS Education Specialist — Barobo, Inc., Oct 2023 – present

- Develop and maintain state standards aligned mathematics and computer science lessons and activities using block-based code and C++ programming language
- Facilitate multi-day in person and zoom trainings for teachers to successfully implement curriculum
- Collaborate with team members for lesson reviews and coding reviews
- Conduct research analysis to determine best instructional practices within education and develop plans to implement them within curriculum and training
- Create live dashboards using Sheets/Excel to monitor progress for curriculum development projects

Google Data Analytics Student — Coursera.org, Mar 2022 – May 2022

- Actively engaged in online coursework to master data analytics tools and languages such as Python, SQL, R, Tableau, Excel, and Google Sheets
- Applied acquired knowledge to analyze real-world datasets, solve data-related problems, and draw meaningful insights
- Developed strong data visualization skills using tools like Tableau to effectively communicate findings
- Compiled a portfolio showcasing completed data analytics projects and demonstrating proficiency in the skills acquired during the boot camp

Secondary Mathematics & Science Teacher — Americana Chinese International School, Jan 2022 – Jun 2023

- Designed comprehensive unit plans and daily lessons integrating data analysis concepts, such as statistical analysis and data visualization, to enhance students' understanding of mathematical and scientific principles
- Implemented data-driven assessment strategies to evaluate student progress and tailor instruction to individual learning needs, leveraging tools like Google Sheets for data collection and analysis
- Utilize data analysis to assess student performance and identify areas for improvement, informing instructional strategies and curriculum adjustments
- Collaborated proactively with fellow educators to address individual student needs, creating a safe and inclusive learning environment that promoted diverse student engagement and success

Cambridge Curriculum Coordinator & Teacher — Montfort College, Jan 2020 – Mar 2021

- Developed comprehensive unit plans and daily lessons adhering to IELTS examination guidelines, resulting in substantial improvements in students' English language proficiency and exam preparedness
- Implemented formative and summative assessments utilizing data analysis techniques to measure student proficiency and inform instructional decision-making
- Actively collaborated with colleagues to gain insights into the Cambridge Curriculum, facilitating seamless implementation of standards and mock examinations
- Collaborated with assessment teams to analyze student performance data and identify trends, guiding curriculum refinement and instructional planning

AVID Program Coordinator & Teacher — Armijo High School, Aug 2016 – Jun 2018

- Facilitated and orchestrated site-team meetings, engaging AVID students and staff collaboratively to assess progress and effectively implement AVID program goals
- Managed program budget of over \$30,000 using data analysis to optimize resource allocation and ensure alignment with program goals and priorities
- Proactively recruited, interviewed, and trained exceptionally qualified candidates to excel as in-class tutors, fostering a supportive and conducive learning environment for students
- Forged productive partnerships with fellow AVID teachers within the district, conducting targeted training sessions for teachers and tutors, fostering a consistent and impactful implementation of AVID Curriculum Guidelines

Secondary Mathematics Teacher — Armijo High School, Aug 2013 – Jun 2018

- Leveraged technology tools such as spreadsheets or statistical software to facilitate data analysis activities and investigations, promoting data literacy among students
- Actively contributed to the UC Davis C-STEM Research Grant, delivering high-quality mathematics and computer programming instruction to at-risk students, while also conducting data gathering and analysis of student outcomes to assess the effectiveness of instructional interventions and inform academic growth strategies
- Collaborated with colleagues to develop interdisciplinary units integrating data analysis across the curriculum, promoting cross-disciplinary connections and application of mathematical concepts
- Utilized student performance data to assess instructional effectiveness and adjust teaching strategies, promoting continuous improvement in student learning outcomes

Certifications

- [Google's Data Analytics Professional Certificate](#) — Coursera.org, Received May 2022
- [Frontend Developer Career Path](#) — Scrimba.com, Received August 2023
- [Theoretical and Practical JavaScript](#) — Sololearn.com, Received January 2023
- [Responsive Web Design Certificate](#) — freeCodeCamp.org, Received July 2022